

Appl. No. 10/811,042  
Amtd. dated May 18, 2007  
Reply to Office Action of April 2, 2007  
Attorney Docket 17540

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A hydraulic system for a work vehicle, comprising:
  - a first hydraulic pump configured to generate a first flow of hydraulic fluid;
  - a priority valve in fluid communication with the pump, said priority valve being configured to distribute the first flow to a primary outlet and to a secondary outlet;
  - a plurality of open center hydraulic valves coupled to the secondary outlet;
  - a hydraulic reservoir coupled to the plurality of open center hydraulic valves to receive the first flow after passing through the plurality of open center valves;
  - a plurality of closed center hydraulic valves coupled to the primary outlet;
  - a second hydraulic pump configured to generate a second flow of hydraulic fluid; and
  - a reloader valve in fluid communication with the secondary pump, the reloader valve configured to distribute the second flow to the plurality of closed center valves, and further configured to prevent the secondary flow to the closed center valves when no demand signal is sensed;

wherein the first flow passes directly to the fluid reservoir from the plurality of open center valves.
2. (original) The system of claim 1, wherein the first hydraulic pump is a fixed displacement gear pump, and further wherein the priority valve is responsive to a load on the plurality of closed center valves.
3. (original) The system of claim 2, wherein the plurality of closed center valves includes at least one valve selected from the group comprising a boom swing cylinder control valve, a boom cylinder control valve, a dipper cylinder control valve, and a bucket cylinder control valve.
4. (original) The system of claim 3, wherein the plurality of open center valves include at least one valve selected from the group comprising a loader bucket cylinder valve and a loader arm cylinder valve.

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5. (cancelled)

6. (original) The system of claim 1, wherein no inlet compensator is in fluid communication with and disposed between the plurality of closed center hydraulic valves and the first pump.

7. (cancelled)

8. (previously presented) The system of claim 1, the reloader valve being responsive to a load signal on a load signal line coupled to the plurality of closed center valves.

9-17. (cancelled)

18. (new) The system of claim 1, wherein the second flow is directed to the hydraulic reservoir when no demand signal is received by the reloader valve.

19. (cancelled)

20. (currently amended) The system of claim 1, wherein the plurality of closed center valves are supplied by ~~solely by one or more~~ a flow[s] of hydraulic fluid which does not pass through the plurality of open center valves.